

# Silver Plated Copper Wire Cover Sheet

100113-000 Rev. A  
Effective Date:08/07/06 ECO No. 1953

**DOCUMENT NUMBER** 100113-000

**MATERIAL TYPE** Silver Plated Electrolytic Tough Pitch Copper C11000 (ETP110) Round Wire

**MATERIAL CERTIFICATION** Must be provided with each lot and verify the following attributes:

- Item Number and Revision
- Material Type and Composition
- Batch, Run #, or Purchase Order Number for Traceability
- Silver Content and Minimum silver wall thickness
- Ultimate Tensile Strength and Elongation to Failure
- Dimensional Verification

**SILVER PLATING** The silver plating must exhibit the following features:

- Silver plating must be well adhered to the copper
- Silver coverage of the copper is to be 100 Percent. No exposed copper is allowed.
- Silver coverage is specified for each Part Number

**DRAWN SURFACE FINISH** The wire must appear shiny and smooth. Wire to be produced by diamond drawn process. Wire to be free of oils and solvents. Wire to be packaged to prevent damage and contamination during shipping and subsequent storage. Material wound on spool to be continuous from end to end and be free of welds.

**WIRE DIMENSIONS** Wires dimensions are specified for each Item Number. All dimensional requirements are to be interpreted per ANSI/ASME Y14.5M-1982

**SPOOL SIZE** To be specified for each internal Item Number as per the following Table

Description	Spool Material	Flange Diameter	Barrel (Hub) Diameter	Traverse Width	Bore Diameter
8" x 6"	Steel or Heavy Duty Plastic	8"	4.6"	6"	3"
12" x 8"	Steel or Heavy Duty Plastic	12"	8"	7"	3"
18"X11"	Steel or Heavy Duty Plastic	18"	11"	9"	5"
22"X14"	Steel or Heavy Duty Plastic	22"	14"	11"	5"

Spool dimensions within  $\pm 10$  percent of those specified are allowable.

**NOTE** This cover sheet must be included with all orders for SP Copper mandrel as attached.

# Item Number Description

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Item No.	Legacy Part No.	Nominal Diameter	Minimum Diameter	Maximum Diameter	Silver Coverage (by weight)	Silver Wall Thickness (REF) in Microinches	Condition	Elongation To Failure	Spool Size & Vendor	Revision Level	Revision Date	ECO
110975	100113-014 (00203SP)	0.02030"	0.02010"	0.02050"	2.00%	86	As Drawn	25% MIN	12"X8"	002	8/5/2009	6027
110992	100113-031 (00341SP)	0.0341"	0.0338"	0.0344"	2.00%	146	As Drawn	25% MIN	12"X8"	002	8/5/2009	6027
111028	100113-067 (01020SP)	0.1019"	0.1009"	0.1029"	1.25%	273	As Drawn	25% MIN	22"X14"	002	8/5/2009	6027
112042	100113-127	0.0159"	0.0150"	0.0168"	2.00%	N/A	As Drawn	25% MIN	12"X8"	002	8/5/2009	6027
112043	100113-128	0.0403"	0.0393"	0.0413"	2.00%	N/A	As Drawn	25% MIN	22"X14"	002	8/5/2009	6027
112044	100113-129	0.0571"	0.0560"	0.0580"	2.00%	N/A	As Drawn	25% MIN	22"X14"	002	8/5/2009	6027
202890	N/A	0.0742"	0.0737"	0.0747"	2.00%	N/A	As Drawn	25% MIN	22"X 14"	002	8/5/2009	6027

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